



20

Figure 1

```
22 <person>
24   <name>John</name>
26   <surname>Smith</surname>
28 </person>
```

40

Figure 2

```
42 <schema>
44   <element name="person">
46     <complexType>
48       <sequence>
50         <element name="name">
52         <element name="surname">
54       </sequence>
56     </complexType>
58   </element name>
60 </schema>
```

70

Figure 3

```
72 class person {
74   String name;
76   String surname;
78   String getName() {}
80   String getSurname() {}
82   void setName(String newName) {}
84   void setSurname(String newSurname) {}
}
```



90

Figure 4

```
92 class person {  
94     static class Name extends SimpleTypeString {  
96         public static String name() {return "name";}  
98         public Name(String v) {super (v);}  
100    }  
100    static class Surname extends SimpleTypeString {  
102        public static String name() {return "surname";}  
104        public Surname(String v) {super (v);}  
106    }  
106    protected void structure() {  
108        addParticle(new SequenceParticle(){  
110            protected void structure() {  
112                addParticle(new ElementParticle("name"));  
114                addParticle(new ElementParticle("surname"));  
115            }  
116        });  
117    }  
118}
```

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Figure 6

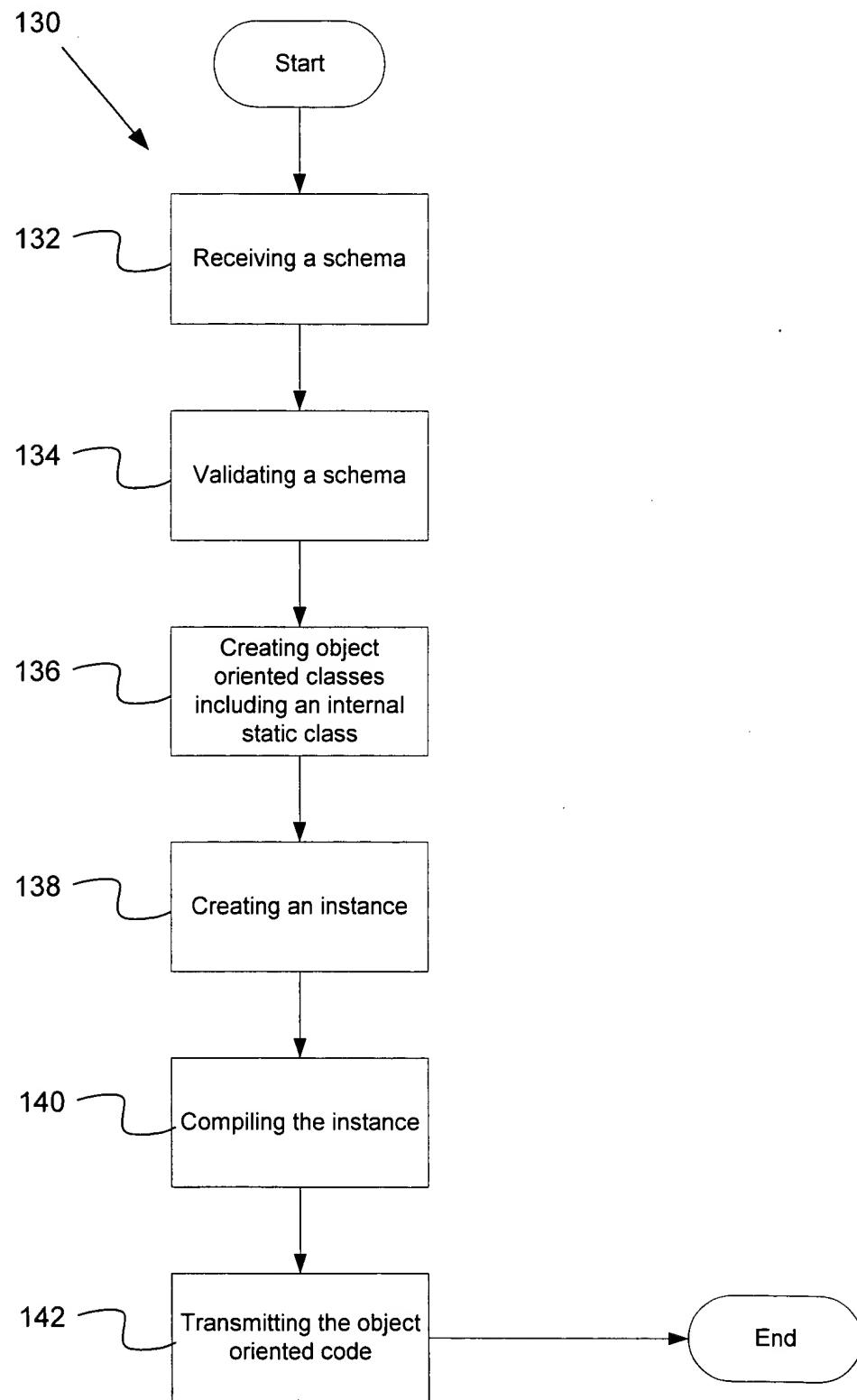




Figure 5

